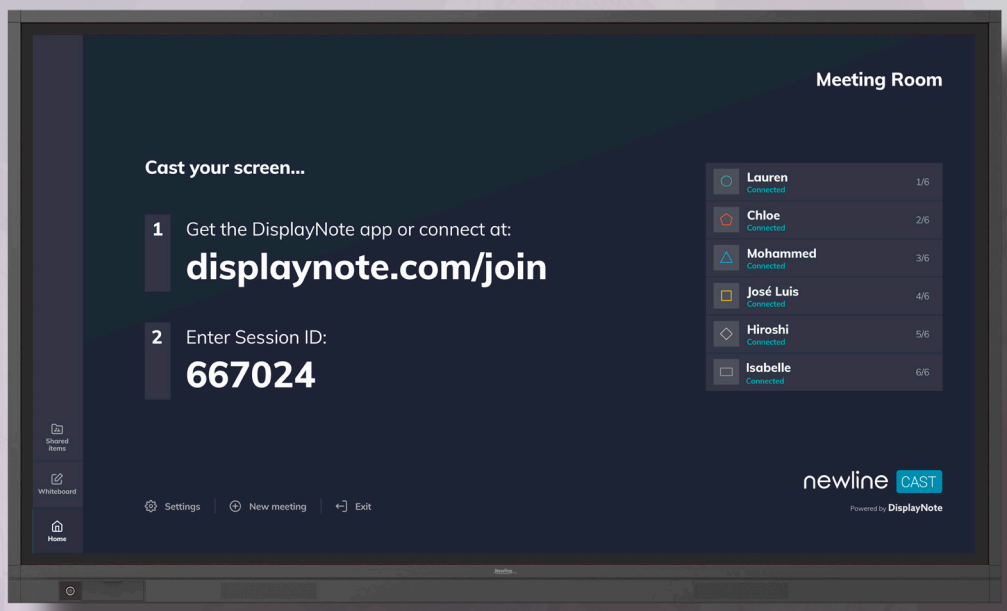
newline



Intelligent Touch

Multiple Connections

Object Recognition

Go Wireless

Win/iOS/Android/ Chrome Compatibility

Dual Interface

Easiest to use

Energy Efficiency

THE HASSLE-FREE INTERACTIVE DISPLAY FOR CLASSROOMS

This series allows a collaborative experience that lets students interact using a stylus or their fingers. The responsive RS series displays lets multiple students touch and draw the display lag-free and simultaneously. Designed for education, it features all the Newline interactive ecosystem tools needed to engage students and spark passion for learning.

Newline RS series features the following optional interactive ecosystem tools:

CAST BROADCAST DISPLAY MANAGEMENT

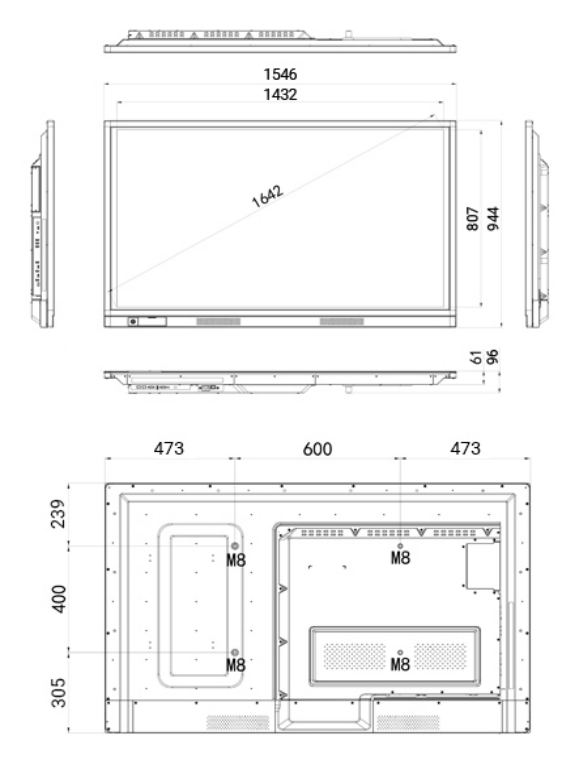
RS Series

RS Series

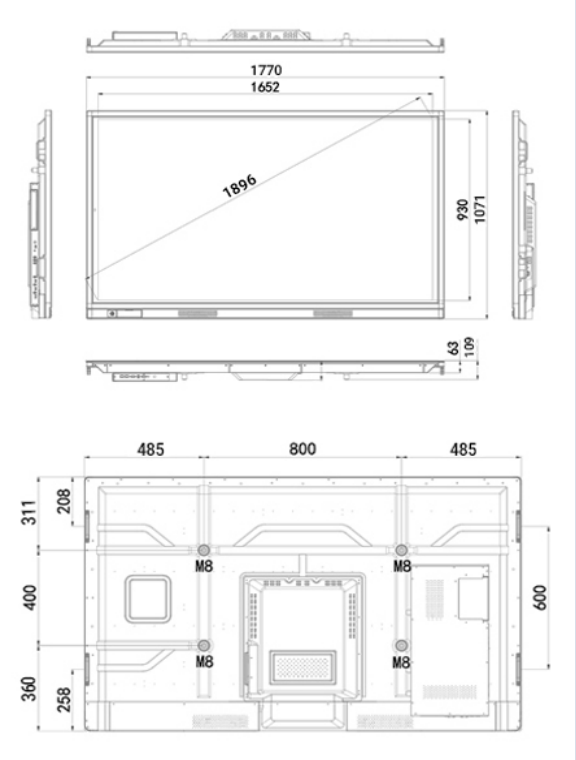
MODEL	TT-6518RS	TT-7518RS	TT-8618RS	TT-9818RS
DISPLAY				
Backlight	LED			
Active screen size	65″	75″	86″	98″
Display ratio	16:09			
Resolution	3840 x 2160 Pixel (4K)			
Display colors	8 bit (1.07 billion)		10 bit (1.07 billion)	
Brightness	370cd/m2			
Contrast ratio	4000:1			
Response time	8 ms			
Panel viewing angle	178°			
Life time	Minimum 30.000 hours			
TOUCH				
Touch surface	Optical bonding, anti-glare and anti-fingerprint			
Transparency	>88%			
Surface hardness	7H			
Touch technology	Infrared touch			
Touch points	20 points under Windows 3 points under embedded system			
Writing tools	Stylus, finger and fist			
Positioning accuracy	±1mm	±1mm	±1mm	±2mm
Communication interface	USB-A			
SPEAKERS				
Speaker position	Forward			
Rated impedance	8Ω			
Frequency response	180Hz-20kHz	180Hz-20kHz	180Hz-20kHz	90Hz（±20%）- 20kHz
Max. Power output	15W x 2			18W x 2
ELECTRIQUE				
Power consumption	Maximum ≤250W Standby mode ≤0.5W	Maximum ≤400W Standby mode ≤0.5W	Maximum ≤450W Standby mode ≤0.5W	Maximum ≤700W Standby mode ≤0.5W
Working voltage	AC 100-240V, 50/60Hz			
Energy efficiency	A+	A+	A+	A
TRANSPORTATION / STORAGE				
Mounting (optional)	Wall-mounted / Floor stand			
Outline dimension	1546 x 944 x 96mm	1770 x 1071 x 109mm	2019 x 1212 x 109mm	2256 x 1361 x 105mm
Net weight	44 Kg	56 Kg	73 Kg	133 Kg
Gross weight	59 Kg	73 Kg	93 Kg	235 Kg
Packing dimensions	1695 x 1075 x 275mm	1920 x 1195 x 275mm	2170 x 1345 x 275mm	2460 x 1625 x 400
VESA	600 x 400 mm	800 x 400 mm	800 x 400 mm	800 x 400 mm
EMBEDDED SYSTEM				
CPU	ARM Cortex A53*4 1.4GHz			
RAM	2 GB			
ROM	8 GB			
System version	5.0.1			
Multimedia file formats support	Image: JPEG, BMP, PNG Video: MPEG1, MPEG2, MPEG4, SorensonH.263,H.263,H.264,HEVC/H.265,MVC,AVS,AVS+,WMV3,VC1,Motion JPEG,VP8,VP9,RV30/RV40 Audio:MPEG1/2 @LAYER1;@LAYER2;@LAYER3,EAC3,ACC-LC,HEAAC,VORBIS,LPCM,IMA-ADPCM,MS-ADPCM,G711 A/MU-LAW,LBR(COOK),FLAC			
SPECIALITY				
Intelligent thermo protector	Automatic Hibernate when over heated			
OPS PC	Optional			
Build in wifi	802.11 a/b/g/n/ac			
Ports				
Front interface Inputs	HDMI 1.4 (4K@30Hz) x 1, USB (Touch) x 1, USB 2.0 (Dynamic) x 2, MIC (jack 3.5mm) x 1			
Rear AV Inputs	HDMI 2.0 (4K@60Hz) x 2, DP1.2 (4K@60Hz) x 1, VGA (1920x1080@60Hz) x 1 + PC Audio x 1, USB (Touch) x 4			
AV Outputs	HDMI out (Support 4k@60Hz, 1920x1080@60Hz, 720x480@60Hz) x 1, Line out x 1, out SPDIF x 1			
Others	USB 2.0 (Dynamic) x 1, USB 3.0 (Dynamic) x 1, USB 2.0 (Embedded) x 1, RS232 x 1, RJ45 x 2 (in/Out), OPS Slots (4K@60Hz) x 1, DC 5V-2A out x 1			

Technical drawings

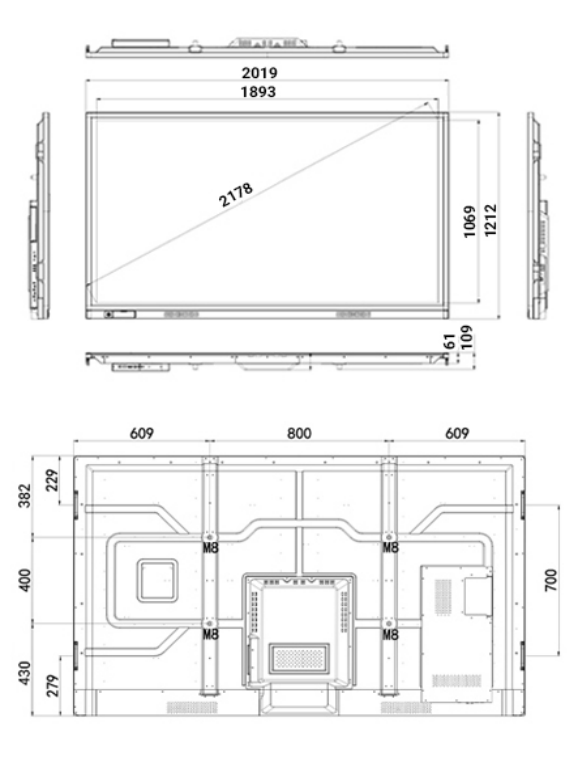
TT-6518RS



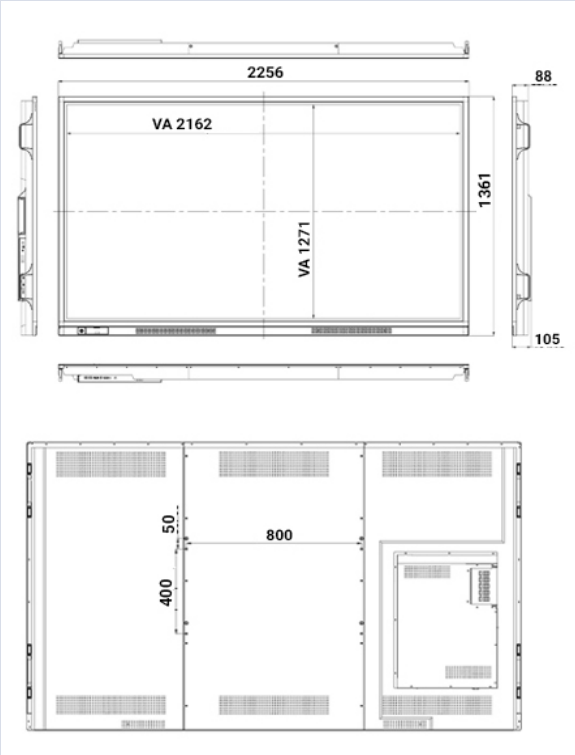
TT-7518RS



TT-8618RS



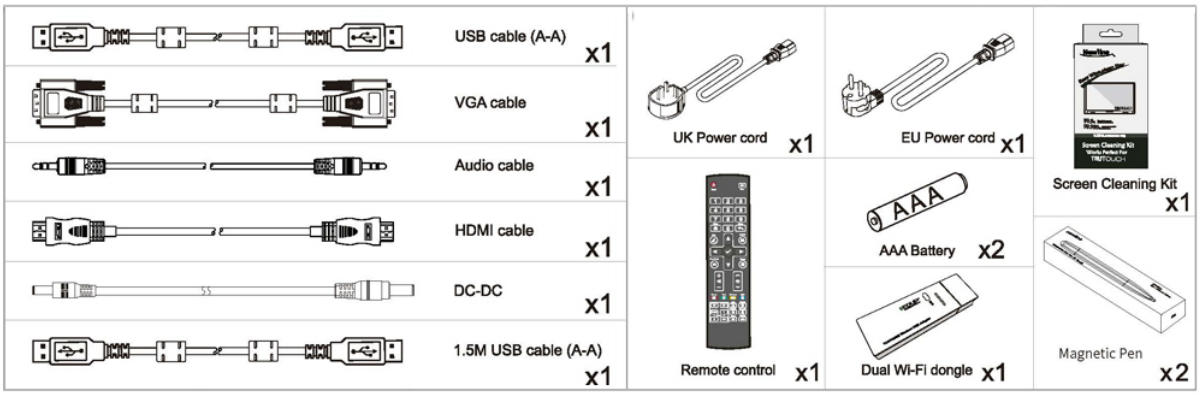
TT-9818RS



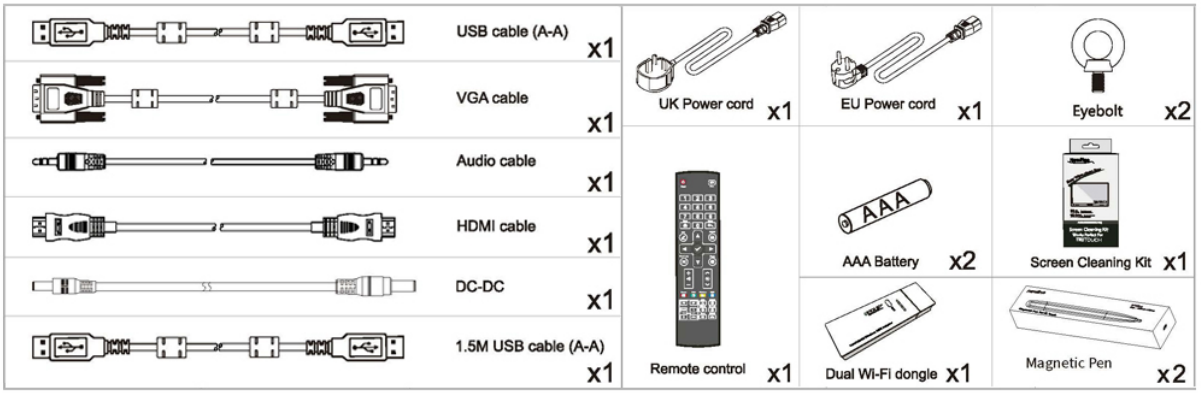
RS Series

Accesory Box Packing List

TT-6518RS **TT-7518RS** **TT-8618RS**



TT-9818RS



newline

NEWLINE INTERACTIVE INC.
101 East Park Blvd.
Suite 807 Plano,
TX 75074, USA
TEL: +1 888 233 0868

EUROPE OFFICE
Ronda de Poniente, Nº2, 1st floor,
Oficina 1B, 28760,
Tres Cantos, Madrid, Spain
TEL: +34 911169178

ASIA PACIFIC OFFICE
17F, No. 653, Bannan Rd.,
Zhonghe Dist., New Taipei City
235, Taiwan
TEL: +886 282282089

INDIA OFFICE
Room No. 203, No.37, TTK Road,
Alwarpet, Chennai,
Tamil Nadu, India, 600018
TEL: +91 44 46945513

www.newline-interactive.com

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Artist: @franplobato